



STAPHYLOCOCCAL ENTEROTOXIN B (SEB)

Agent Overview:	Staphylococcal Enterotoxin B (SEB) is an exotoxin produced by <i>Staphylococcus aureus</i> , a gram positive cocci that forms in clumps. SEB is the most common toxin related to food borne illnesses. Although SEB is not considered a lethal agent, it can cause significant morbidity.
Lab Specimen Submittal:	Authorization by Dr. Jane Getchell, DPHL director, Christina Pleasanton, DPHL deputy director, or Dr. Jack Liou, bioterrorism coordinator.
Types of Specimens Necessary for Testing:	Environmental Testing: Swab/wipe specimens, powder specimens, water, soil, food or drink.
Packaging Instructions:	Environmental specimens must be double bagged and the outside of the bag decontaminated (10% bleach). Food and drink specimens must be sent in leak-proof container stored at 2-8°C.
Receiving Specimens at DPHL:	Authorized specimens are accepted at the back of the DPHL building by the loading dock. Submitter must have identification and complete proper forms.
Handling of Specimens:	Chain of custody procedures must be followed for environmental samples or any samples, specimens and materials that could be used as evidence in a legal proceeding. Environmental samples are kept at room temperature and clinical specimens at refrigerator temperature (in a cooler, but not frozen) until delivered to the laboratory.
Reporting Results:	<p><u>Preliminary:</u> A preliminary positive or negative test result may be issued upon completion of TRF. TRF results can take up to 12 hours.</p> <p><u>Negative:</u> A negative TRF result is reported 12-24 hours after initial set up.</p> <p><u>Positive:</u> A TRF Preliminary positive will be reported in < 12 hours. Confirmation by the CDC/LRN is needed.</p> <p><u>Notification procedure:</u> Laboratory Director, Deputy Laboratory Director or BioTerrorism Coordinator will notify the submitter of test results. The Bioterrorism Call Log and Information form will provide information for notification of testing results outside of the DPHL.</p>
Contact Information:	Jane Getchell, DrPH, DPHL director, 302-223-1520 (24/7 coverage).